2021-22

PROJECT MANAGEMENT CONSULTANCY REPORT

Name of the Client: **Executive Engineer,** Dasarahalli Division, BBMP, Bangalore.

Agency: M/s Nagasandra Shamanna RamaRoa(Rajalakshmi Rock Drillers), Contractor, Bangalore.

Name of the Work: Drilling of Borewell and Installation of Pump and Motors and Other Accessories, PVC Pipe Line in Ward no 14, Bagalagunte, T Dasarahalli Sub Division, BBMP, Bangalore

M/s. CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Road Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited as per ISO-17025: 2005 Laboratory

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CIVIL QUALITY CONSULTANTS & ENGINEERS
ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Name of Work :Drilling of Borewell and Installation of Pump and Motors and Other Accessories, PVC Pipe Line in Ward no 14, Bagalagunte, T Dasarahalli Sub Division, BBMP, Bangalore

Name of Client	:	**Executive Engineer, Dasarahalli Division,** BBMP, Bangalore
Contractor/Agency	:	**M/s Nagasandra Shamanna RamaRoa(Rajalakshmi Rock Drillers),** Contractor, Bangalore.
Total Cost	:	Rs. 71.33 Lakhs
Date of Inspection	:	25.11.2021
Status of Bill	:	1st and Final Bill
In the Presence of	:	(a) **Assistant Engineer (W. No.14),** BBMP, Bangalore.
	:	(b) **Mr. Mohan G,** Engineer M/S Civil Quality Consultants and Engineers, Bangalore

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Sl.No	Description of the Item		Comments / observations
1	geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the hand pumps,	:	Work done up to the billed quantity and Quality is satisfactory
2	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al strata including over	:	Work done up to the billed quantity and Quality is satisfactory
3	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al strata including over	:	Work done up to the billed quantity and Quality is satisfactory
4	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al strata including over	:	Work done up to the billed quantity and Quality is satisfactory
5	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al strata including over	:	Work done up to the billed quantity and Quality is satisfactory
6	200.00 to 250.00 mtr	:	Work done up to the billed quantity and Quality is satisfactory
7	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al strata including over	:	Work done up to the billed quantity and Quality is satisfactory

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Sl.No	Description of the Item		Comments / observations
8	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al strata including over	:	Work done up to the billed quantity and Quality is satisfactory
9	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al strata including over	:	Work done up to the billed quantity and Quality is satisfactory
10	Providing and Fixing 250mm dia PVC pipeetc., complete as per specifications and as per the direction of Engineer-in-charge of the	:	Work done up to the billed quantity and Quality is satisfactory
11	Supply of ISI Mark 175mm Nominal bore ,plain end steel Casing pipe- grade of steel Fee 410 of wall thickness 5.4 mm thick confirming	:	Work done up to the billed quantity and Quality is satisfactory
12	Providing and fixing MS casing collars as per IS 1239 (part-II) 1982 with all latest amendments if any for any dia. The thickness	:	Work done up to the billed quantity and Quality is satisfactory
13	Providing and laying at site of work MS casing caps as per IS 1239 (part-II) 1982 with all latest amendments if any for any dia. The thickness	:	Work done up to the billed quantity and Quality is satisfactory
14	Supplying and delivery of Submersible Pump Sets of 150mm dia suitable for bore well and confirming to IS 8034 specifications and its	:	Work done up to the billed quantity and Quality is satisfactory
15	Supplying, laying, jointing testing and commissioning of GI pipes confirming to IS 1239:1990 with latest amendments, including	:	Work done up to the billed quantity and Quality is satisfactory
16	Suppy and fixing 50mm dia GI collar Heavy duty etc., complete as per specifications and as per the direction of Engineer-in-charge of the	:	Work done up to the billed quantity and Quality is satisfactory
17	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper	:	Work done up to the billed quantity and Quality is satisfactory
18	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 With ISI Mark and as per its latest	:	Work done up to the billed quantity and Quality is satisfactory
19	Supplying and delivery at site brand new star/Essen/Lotus/Sun-Shines/Adarsh/ G.K.Controls Best Indigenous make combined	:	Work done up to the billed quantity and Quality is satisfactory
20	Labour charges for Erection, Electrification and commissioning of Pump sets, including aligning and balancing of all items including	:	Work done up to the billed quantity and Quality is satisfactory

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Sl.No	Description of the Item		Comments / observations
21	Labour charges for erection of outdoor type panel board and meter board units with all necessary materials and labour, tools and	:	Work done up to the billed quantity and Quality is satisfactory
22	Supplying of TPST with rewirable porcelain channels in SM enclosure 32 amps complete as per specifications and as per the direction of	:	Work done up to the billed quantity and Quality is satisfactory
23	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the	:	Work done up to the billed quantity and Quality is satisfactory
24	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 230/440v A.C. 50 Hz 12/24v D.Ccomplete	:	Work done up to the billed quantity and Quality is satisfactory
25	Supplying, fixing and wiring heavy duty low voltage capacitors conforming to IS 2834. 3 phase, 400/440 volts grade, for power factor	:	Work done up to the billed quantity and Quality is satisfactory
26	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve,	:	Work done up to the billed quantity and Quality is satisfactory
27	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm	:	Work done up to the billed quantity and Quality is satisfactory
28	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary	:	Work done up to the billed quantity and Quality is satisfactory
29	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-	:	Work done up to the billed quantity and Quality is satisfactory
30	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per	:	Work done up to the billed quantity and Quality is satisfactory
31	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.6 sqmm to	:	Work done up to the billed quantity and Quality is satisfactory
32	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound	:	Work done up to the billed quantity and Quality is satisfactory
33	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers complete as	:	Work done up to the billed quantity and Quality is satisfactory

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Sl.No	Description of the Item		Comments / observations
34	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting	:	Work done up to the billed quantity and Quality is satisfactory
35	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting	:	Work done up to the billed quantity and Quality is satisfactory
36	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size	:	Work done up to the billed quantity and Quality is satisfactory
37	Earthwork excavation for pipeline trenches including depositing on bank upto a lead of 50 mtrs and depth up to 2.00 mtrs. Including	:	Work done up to the billed quantity and Quality is satisfactory
38	Providing and installing at site of work P.V.C. pipes including cost of pipes and specials and labour, including lowering into trenches, laying	:	Work done up to the billed quantity and Quality is satisfactory
39	Refilling the basement and pipeline trenches with selected available earth from trench excavation including watering, Consolidation	:	Work done up to the billed quantity and Quality is satisfactory
40	Supply and delivery at site of brand new best make gate valve as per IS 778/1984 with ISI Mark and as per its latest amendments a)	:	Work done up to the billed quantity and Quality is satisfactory

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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